(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 10 November 2005 (10.11.2005)

PCT

(10) International Publication Number WO 2005/104859 A2

(51) International Patent Classification7:

A23C

(21) International Application Number:

PCT/DK2005/000299

(22) International Filing Date: 2 May 2005 (02.05.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

PA 2004 00702 3 May 2004 (03.05.2004) DK 60/568,157 4 May 2004 (04.05.2004) US PA 2004 00983 24 June 2004 (24.06.2004) DK 60/584,690 1 July 2004 (01.07.2004)

- (71) Applicants (for all designated States except US): CHR. HANSEN A/S [DK/DK]; Bøge Allé 10-12, P.O. Box 407, DK-2970 Hørsholm (DK). NOVOZYMES A/S [DK/DK]; Krogshøjvej 36, DK-2880 Bagsværd (DK).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BUDTZ, Peter [DK/DK]; Hoffmeyersvej 21, DK-2000 Frederiksberg (DK). VINDELØV, Jannik Torben [DK/DK]; Svanholmsvej 5, 4. th., DK-1905 Frederiksberg C (DK). NIELSEN, Per Munk [DK/DK]; Rytterstien 29A,

DK-3400 Hillerød (DK). ASHIE, Isaac [GH/US]; 1816 E Generation Drive, Raleigh, North Carolina 27612 (US).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.